

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001296**Date Inspected:** 15-Jan-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Fu Guogang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** 77 Meter Mock Up**Summary of Items Observed:**

Caltrans Quality Assurance Inspector Gabriel Quintana (QA Inspector) arrived at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to observe fabrication and Quality Control Inspectors (QC Inspectors) perform their duties and responsibilities as specified in the contract documents, approved plans, fabrications documents and Special Provisions for this project. While on site the QA Inspector observed the following.

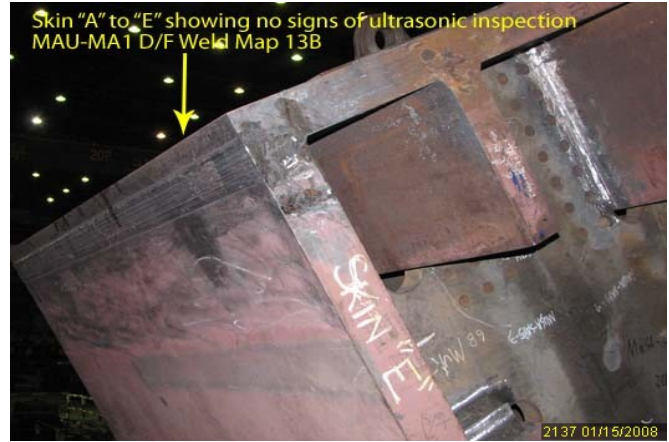
Bay 2- QA Inspector observed that no work was in progress.

Bay 7- QA Inspector observed that no work was in progress.

Bay 7- QA Inspector observed that no ZPMC Inspectors were present for a Quality Assurance (QA) observation of an ultrasonic inspection of completed welds on the 77 Meter Mockup. QA Inspector observed that ultrasonic couplant was present at weld joints MAU-MA1 D/F-13B, MAU-MA1 D/F-14B, MAU-MA1 D/F-15B and MAU-MA1 D/F-16B. No visible signs of couplant was observed at weld joint MAU-MA1 D/F-13B.

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Summary of Conversations:

General communications took place between the QA and QC Inspector. QA Inspector informed QA Lead Inspector Bruce Burger that no QA observations of ultrasonic testing was performed on this day as planned.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Quintana, Gabriel

Quality Assurance Inspector

Reviewed By: Cochran, Jim

QA Reviewer